Aaren Pan

azp6230@psu.edu • azpan.dev

EDUCATION

The Pennsylvania State University   University Park, PA
BS Computer Science   *Anticipated Graduation: May 2028*

EXPERIENCE

Transmitio LLC   Jun. 2025 – Aug. 2025
Software Automation Testing Intern   *Remote*
- Reduced manual testing by 80% by automating ERM system workflows using Python and Selenium
- Developed and implemented 30+ automated test cases after analyzing system behavior and user workflows
- Authored **detailed documentation** for all test cases to support reusability and future scaling by the QA team
- Enabled scalable test execution by configuring Dockerized test environments and integrating with GitLab CI/CD
- Improved code quality and contributed 50+ commits and 700+ lines of code

Fuzhou Student Association at Penn State   Mar. 2025 – Present
Communications Chair   *University Park, PA*
- Managed community presence by leading Instagram, LinkedIn, and GroupMe, boosting event awareness
- Coordinated with 10+ organizations to plan collaborative events, strengthening ties across the AAPI network
- Ensured consistent communication by working with the secretary and design lead, streamlining outreach efforts

HackPSU at Penn State   Feb.2025 – Present
Tech Team Member   *University Park, PA*
- Supported 700+ participants at Penn State's largest hackathon by managing core software infrastructure
- Designed a new travel policy page using TypeScript and HTML/Tailwind, improving user experience by 90%
- Built a filter chaining system that increased financial tool search efficiency by 70%
- Boosted overall user engagement by 20% through 5+ merges and improvements across the website
- Collaborated with 10+ developers, working in agile sprints to ensure timely feature delivery and code quality

Forbidden City Restaurant   Jan. 2017 – May 2023
Restaurant Employee   *Chattanooga, TN*
- Processed customer payments and takeout orders using KwickPOS, improving transaction flow during peak hours
- Delivered fast and friendly service to 300+ customers daily, ensuring high satisfaction and repeat business
- Maintained a clean and safe dining environment by coordinating closely with teammates during rush hours
- Reduced table turnover time by 10%, supporting front-of-house staff by bussing and resetting tables

PROJECTS

Personal Portfolio | *https://github.com/dark-ap1015/personal-portfolio*   Jul. 2025 – Present
- Built a responsive personal portfolio site using React.js and Bootstrap to showcase projects and experience
- Enabled direct communication by integrating a client-side contact form with EmailJS
- Designed intuitive navigation and layout to highlight skills and experience

Quackademic Notes | *Python, Javascript, HTML/CSS, Flask*   Oct. 2024
- Developed a full-stack web note-taking app using Flask, JavaScript, and HTML/CSS
- Enhanced user experience by adding light/dark themes and an OpenAI-powered AI assistant

TECHNICAL SKILLS

Languages: Python, Javascript, TypeScript, Java, HTML, CSS, Verilog
Tools/Frameworks: React.js, Next.js, NestJS, Flask, MongoDB, Git, Docker, Linux, CI/CD Pipelines, Selenium